

Work Order ID 87095

July-10-12 3:13:15 PM

87095

Page 1

Item ID: D412-742-013

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Float Skidtube Installation

Start Date: 8/06/12 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 8/31/12 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: P Date: 1207-11 Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
IIN D412-742	E

100

100

DC

Document Control

DOCUMENT CONTROL

Memo

Photocopy bluefile and create labels per PPP D412-742-013

0.00

0.00

DAS
16

CHG007

17/10/14 JB

[Signature] 12-10-10

110

110

Packaging

Packaging

Pick Kit

Memo

0.00

0.00

1 17/10/10 JB

120

120

QC

Quality Control

QC4- 100% Inspect kits for completeness

Memo

0.00

0.00

DAS
10

17/10/14

B87066

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

Work Order ID 87095***87095***

Page 2

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Item ID: D412-742-013

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Float Skidtube Installation

Start Date: 8/06/12 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 8/31/12 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

130

0.00

130

Packaging

0.00

Packaging

Memo

Packaging

Identify and pack for shipping as per PPP D412-742-013

Location: 7b

12/10/11 SP

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

12/10/12 JG

U 12.10.12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Picklist Print

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Work Order ID: 87095
 Parent Item: D412-742-013
 Parent Item Name: Float Skidtube Installation

Start Date: 8/06/12
 Start Qty: 1.00

Required Date: 8/31/12
 Required Qty: 1.00

Comments: IPP Rev: A05.10.13 New Issue KJ/JLM
 IPP Rev: B 06-06-08 As per DSI9336 JLM
 1072 DD verified by: JLM
 IPP Rev: D 08-09-08 ecn 08-510 DD verified by: EC
 IPP Rev: E 09-01-23 as per DSI9441 DD verified by: EC
 10.01.12 verified by: EC
 by: EC IPP rev: H 12.01.12 PER IIN REV: E DD VERF:
 DD 12.03.14 verified by: EC
 IPP Rev: C 07-12-03 ECN
 IPP Rev: F add AN4C7A DD
 IPP Rev: G 11.11.01 as per DSI9517 REV: E DD verified
 IPP Rev: I add AN4C7A

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN4C47A Bolt		Purchased	No			110	Each	128.0000	4	122843	70		
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				ST361		128							
				118451		6							
				119798		2							
				121009		22							
				121585		2							
				122012		46							
				122204		50							
D412-742-043 Replacement Float Skidtube		Manufactured	No			110	Each	0.0000	1	87066			
D2571 Saddle, Fwd Out 205		Manufactured	No			110	Each	15.0000	1	89957	28	12/10/09	
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				ST		1							
				11644		1							
				ST425		-13							
				ST432		14							
				85607		8							
				85883		6							
				ST433		13							

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Work Order ID: 87095

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 8/06/12

Required Date: 8/31/12

Start Qty: 1.00

Required Qty: 1.00

D2572
Saddle, Fwd In 205

Manufactured No

110 Each 7.0000

1 89322¹ JB



Location

Loc Qty

Loc Code

ST432

7

71107

2

85882

5

D2573
Saddle, Aft Out 205

Manufactured No

110 Each 3.0000

1 86967¹ JB



Location

Loc Qty

Loc Code

ST423

-12

79424

0

ST433

3

83669

3

ST434

12

D2574
Saddle, Aft In 205

Manufactured No

110 Each 3.0000

1 88740¹ JB



Location

Loc Qty

Loc Code

ST433

3

83671

3

D2876
Saddle Spacer

Manufactured No

110 Each 94.0000

2 86734² JB



Location

Loc Qty

Loc Code

ST020

94

83323

40

83890

54

D2877
Saddle Spacer

Manufactured No

110 Each 104.0000

2 86890² JB 12/10/09



Location

Loc Qty

Loc Code

ST020

104

83324

3

83891

61

86442

40

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Work Order ID: 87095

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 8/06/12

Required Date: 8/31/12

Start Qty: 1.00

Required Qty: 1.00

S D3403-1
Bushing

Manufactured No

110 Each 65.0000

8

88782⁸ 20



Location

Loc Qty

Loc Code

ST041

15

70696

15

ST042

50

80208

7

80219

4

85661

39

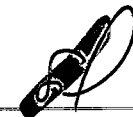
S D3403-5
Bushing

Manufactured No

110 Each 45.0000

8

86832⁸ 20



Location

Loc Qty

Loc Code

ST042

45

85664

45

S D2747
Set Screw

Manufactured No

110 Each 296.0000

4

4

20



Location

Loc Qty

Loc Code

ST017

296

79520

5

81877

91

86439

200

S D3533-1
Set Screw

Manufactured No

110 Each 68.0000

2

86439

87348² 20

20

12/10/09



Location

Loc Qty

Loc Code

ST053

68

80326

2

83892

66

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Work Order ID: 87095

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 8/06/12

Required Date: 8/31/12

Start Qty: 1.00

Required Qty: 1.00

S AN4C6A Bolt Purchased No 110 Each 399.0000 16 16 122800 JB

Location	Loc Qty	Loc Code
FG	4	
103344	4	
ST356	395	
116704	2	
120423	1	
121657	392	

S AN4C53A Bolt Purchased No 110 Each 105.0000 4 4 122193 JB

Location	Loc Qty	Loc Code
ST361	105	
122193	99	
122194	6	

S AN4C52A BOLT Purchased No 110 Each 8.0000 4 4 122518 JB

Location	Loc Qty	Loc Code
ST361	8	
117688	6	
120364	2	

S AN6C12A BOLT Purchased No 110 Each 48.0000 8 8 122808 JB 12/10/09

Location	Loc Qty	Loc Code
ST341	48	
121541	7	
122204	41	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Work Order ID: 87095

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 8/06/12

Required Date: 8/31/12

Start Qty: 1.00

Required Qty: 1.00

D3672-3 Manufactured No

110 Each 1,275.0000 32

32 ✓ JB



Phenolic Washer

Location	Loc Qty	Loc Code
ST060	1275	
84361	275	
84432	500	
86517	500	

AN960C416L WASHER Purchased No

110 Each 0.0000

32 32 ✓ JB



D3672-9 Phenolic Washer Manufactured No

110 Each 308.0000

8 8 ✓ JB



Location	Loc Qty	Loc Code
ST060	308	
81763	308	

NAS1149C0632R WASHER Purchased No

110 Each 183.0000

8 8 ✓ JB



Location	Loc Qty	Loc Code
ST297	183	
119736	2	
120308	1	
121825	180	

D3672-11 Phenolic Washer Manufactured No

110 Each 203.0000

8 8 ✓ JB



Location	Loc Qty	Loc Code
ST060	203	
77483	203	

77483

12/10/09

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Work Order ID: 87095

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 8/06/12

Required Date: 8/31/12

Start Qty: 1.00

Required Qty: 1.00

MS21043-4 Purchased No 110 Each 1,766.0000 29 29 ✓ JB SLD

Nut

Location	Loc Qty	Loc Code
FG	40	
104603	40	
ST301	726	
119546	4	
121162	282	
121652	440	
ST318	1000	
122141	1000	

D3403-3

Bushing

Manufactured No

110 Each 52.0000

Location	Loc Qty	Loc Code
ST042	52	
85662	52	

122141
5x 88783 ✓ JB SLD
34 B 85662

D3405-041

Lug Assembly

Manufactured No

110 Each 13.0000

Location	Loc Qty	Loc Code
ST478	13	
62227	2	
77000	2	
83370	3	
83896	6	

1 87370 ✓ JB SLD

D3405-043

Lug Assembly

Manufactured No

110 Each 8.0000

Location	Loc Qty	Loc Code
ST478	8	
82038	1	
83897	7	

1 89214 ✓ JB 12/10/09

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Work Order ID: 87095

Parent Item: D412-742-013


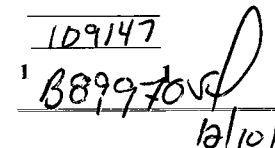


Parent Item Name: Float Skidtube Installation

Start Date: 8/06/12

Required Date: 8/31/12

Start Qty: 1.00

Required Qty: 1.00

AN4C7A Bolt	Purchased	No	110	Each	123.0000	4	4	✓	20	
			<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>			
			ST356		123					
			109147		123					
D3407-041 Tow Ring	Manufactured	No	110	Each	1.0000	1	1	✓	109147	
			<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>			
			ST463		1					
			82068		1					
D3417-3 Washer	Manufactured	No	110	Each	21.0000	2	2	✓	86735	
			<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>			
			FG		9					
			33519		9					
			ST042		12					
			80225		12					
D3456-1 Washer	Manufactured	No	110	Each	214.0000	1	1	✓	85223	
			<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>			
			FG		7					
			25701		7					
			ST044		207					
			80252		1					
			81876		14					
			83584		92					
			85223		100					

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID: 87095

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 8/06/12

Required Date: 8/31/12

Start Qty: 1.00

Required Qty: 1.00

AN3C37A
BOLT

Purchased No

110 Each 154.0000

1 122843 1 20 50

Location	Loc Qty	Loc Code
ST324	50	
122204	50	
ST354	104	
116874	11	
117010	2	
120422	3	
121068	36	
121584	2	
121585	50	

AN3C40A
BOLT

Purchased No

110 Each 20.0000

1 1 1 20 50

Location	Loc Qty	Loc Code
ST354	20	
114442	20	

AN3C41A
BOLT

Purchased No

110 Each 211.0000

1 114442 1 122843 1 20 12/10/09

Location	Loc Qty	Loc Code
FG	4	
103324	4	
ST354	207	
121013	26	
121313	80	
121689	1	
122241	100	

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID: 87095

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 8/06/12

Required Date: 8/31/12

Start Qty: 1.00

Required Qty: 1.00

AN3C42A Purchased No

110 Each 69.0000

1

1

BOLT

Location

Loc Qty

Loc Code

ST354

69

106176

1

120464

1

121103

17

122241

50

122241

AN3C43A Purchased No

110 Each 61.0000

4

4

BOLT

Location

Loc Qty

Loc Code

ST354

61

114455

2

119673

1

120465

58

120465

AN3C46A Purchased No

110 Each 51.0000

5

5

BOLT

Location

Loc Qty

Loc Code

ST355

51

120447

3

122204

48

123116

AN960C10L washer NAS1149C0332R Purchased No

110 Each 21.0000

26

26

washer

Location

Loc Qty

Loc Code

ST

21

107534

21

123248

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Work Order ID: 87095

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 8/06/12

Required Date: 8/31/12

Start Qty: 1.00

Required Qty: 1.00

MS21043-3 Purchased No 110 Each 1,086.0000 13 122993 13 ✓ JB 12/10/09

Nut

Location	Loc Qty	Loc Code
FG	72	
103691	72	
ST301	1014	
118077	2	
118614	12	
118686	30	
119758	20	
121255	93	
121708	857	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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